

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L1    | 2    | ("3226027" "RE28121").PN.  | US-PGPUB;<br>USPAT                          | OR               | ON      | 2007/06/04 13:46 |
| L2    | 796  | ((408/76) or (408/77) or (408/88) or (408/100) or (408/235)).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2007/06/04 13:46 |
| L3    | 1246 | (408/1R).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2007/06/04 13:48 |
| L4    | 616  | ((409/175) or (409/178) or (409/237)).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2007/06/04 13:49 |
| L5    | 19   | gage-roger-a.in.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/06/04 13:51 |
| L6    | 9    | buttrick-james-n.in.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/06/04 13:52 |
| L7    | 2    | Wallace-lyle-m.in.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/06/04 14:04 |
| L8    | 1312 | B23b047/00.ipc.  | EPO; JPO;<br>DERWENT                        | OR               | ON      | 2007/06/04 14:04 |
| L9    | 23   | L8 and (counterbalanc\$3 or bias\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/06/04 14:06 |
| L10   | 175  | (tool and (counterbalanc\$3 or bias\$3) and valve and (pneumatic or air or fluid) and pressure).clm.                           | US-PGPUB                                    | OR               | ON      | 2007/06/04 14:08 |
| L11   | 86   | (tool and (counterbalanc\$3 or bias\$3) and valve and (control or regulate) and (pneumatic or air or fluid) and pressure).clm. | US-PGPUB                                    | OR               | ON      | 2007/06/04 14:08 |
| S2    | 780  | ((408/76) or (408/77) or (408/88) or (408/100) or (408/235)).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2007/06/04 13:46 |

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|     |        |   |   |    |     |                  |
|-----|--------|---|---|----|-----|------------------|
| S7  | 76     | buttrick.in.                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/03/19 17:05 |
| S8  | 968    | gage.in.                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/03/19 17:02 |
| S9  | 15235  | Wallace.in.                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/03/19 17:04 |
| S10 | 2      | S7 and S8 and S9                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/15 18:53 |
| S11 | 834384 | (counterbalanc\$3 or bias\$3)               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/06/04 14:05 |
| S12 | 104395 | S11 and (drill or tool)                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/03/05 14:08 |
| S13 | 34389  | S12 and (motor or pneumatic)                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/15 19:01 |
| S14 | 18137  | S13 and (rail or guide)                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/15 19:06 |
| S15 | 2044   | S13 and ((rail or guide) same carriage)     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/15 19:07 |
| S16 | 396    | S15 and vacuum                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/15 19:07 |
| S17 | 586    | ((409/175) or (409/178) or (409/237)).CCLS. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/06/04 13:49 |

## EAST Search History

|     |      |   |   |    |     |                  |
|-----|------|---|---|----|-----|------------------|
| S18 | 32   | ((("6550129") or ("6467385") or ("6430796") or ("6283684") or ("6240332") or ("6220099") or ("6210084") or ("6073326") or ("6036409") or ("5482411") or ("5395187") or ("4850763") or ("4740117") or ("4570542") or ("4396318") or ("4353308") or ("3663115") or ("3599958") or ("2911860") or ("4778317") or ("5468099") or ("5477597") or ("5542796") or ("5573076") or ("5661892") or ("5697413") or ("5934848") or ("6357101") or ("6428452") or ("6505393") or ("6843328") or ("6855099")).PN. | US-PGPUB;<br>USPAT                          | OR | OFF | 2005/08/16 10:40 |
| S19 | 1171 | (408/1R).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/03/19 17:00 |
| S21 | 15   | ("2151205" "20020127069" "20040234352" "20040245879" "3627436" "3633433" "3874244" "4123187" "4686397" "4720897" "5072948" "5173015" "5390557" "5582067" "6634838").PN.   | US-PGPUB;<br>USPAT                          | OR | ON  | 2006/05/01 08:10 |
| S22 | 28   | ("1676206" "1741044" "2946246" "2963927" "20020001511" "20020168241" "20030207742" "20040076484" "3348248" "4388890" "4561814" "4591301" "4599018" "4958967" "5032051" "5062746" "5297907" "5348429" "5352069" "5537927" "5609444" "6007278" "6309145" "6334745" "6428453" "6547496" "6926094" "RE21795").PN.   | US-PGPUB;<br>USPAT                          | OR | ON  | 2006/05/01 11:24 |
| S23 | 1    | ("5403133").PN.   | US-PGPUB;<br>USPAT                          | OR | OFF | 2006/05/01 11:24 |
| S24 | 86   | buttrick.in.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/05/06 15:08 |
| S25 | 786  | ((408/76) or (408/77) or (408/88) or (408/100) or (408/235)).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/05/06 19:02 |
| S26 | 614  | (409/132).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/05/06 19:01 |

## EAST Search History

|     |      |   |   |    |     |                  |
|-----|------|---|---|----|-----|------------------|
| S27 | 595  | ((409/175) or (409/178) or (409/237)).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/05/06 19:03 |
| S29 | 29   | ("2360942" "2922323" "3156126" "3575364" "3592095" "3732608" "3772930" "3851536" "3878734" "3935985" "3990689" "4025218" "4179231" "4268949" "4520684" "4761876" "4818154" "5070792" "5129865" "5323962" "5437580" "5445478" "5613810" "5664311" "6099213" "6378197" "6494307" "6575673" "D297144").PN. | US-PGPUB;<br>USPAT                          | OR | ON  | 2007/03/05 13:20 |
| S30 | 1    | ("5383751").PN.   | US-PGPUB;<br>USPAT                          | OR | OFF | 2007/03/05 14:07 |
| S33 | 1981 | "408"/\$.ccls. and (counterbalance or bias\$3)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/03/05 14:09 |
| S34 | 1895 | S33 and (drill or tool)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/03/05 14:12 |
| S35 | 1494 | "409"/\$.ccls. and (counterbalance or bias\$3)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/03/05 14:09 |
| S36 | 1275 | S35 and (drill or tool)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/03/05 14:10 |
| S37 | 1206 | S34 and (support or weight)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/03/05 14:12 |
| S38 | 2    | "19834702"  | EPO; JPO;<br>DERWENT                        | OR | ON  | 2007/03/19 09:52 |
| S39 | 793  | ((408/76) or (408/77) or (408/88) or (408/100) or (408/235)).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/03/19 17:00 |
| S40 | 1235 | (408/1R).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/06/04 13:48 |

## EAST Search History

|     |     |   |   |    |     |                  |
|-----|-----|---|---|----|-----|------------------|
| S41 | 613 | ((409/175) or (409/178) or (409/237)).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/03/19 17:01 |
| S42 | 18  | gage-roger-a.in.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/06/04 13:51 |
| S43 | 2   | Wallace-lyle-m.in.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/06/04 13:51 |
| S44 | 9   | buttrick-james-n.in.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/06/04 13:51 |
| S45 | 20  | buttrick-jr-james-n.in.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/03/19 17:12 |
| S46 | 2   | ("4762261").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/03/19 17:08 |
| S47 | 29  | ("2360942" "2922323" "3156126" "3575364" "3592095" "3732608" "3772930" "3851536" "3878734" "3935985" "3990689" "4025218" "4179231" "4268949" "4520684" "4761876" "4818154" "5070792" "5129865" "5323962" "5437580" "5445478" "5613810" "5664311" "6099213" "6378197" "6494307" "6575673" "D297144").PN. | US-PGPUB;<br>USPAT                          | OR | ON  | 2007/03/19 17:18 |